

**THIRD  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/559,819
Filing Date	June 2, 2006
First Named Inventor	Pierre Jurdic et al.
Examiner Name	Quang Nguyen
Attorney Docket No.	0070663-000003

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	US-4 485 097 A	11-27-1984	Bell	
	US-6,093,533	07-25-2000	Rodan et al.	
	US-6,152,964	11-28-2000	Van Blitterswijk et al.	
	US-2004/0092174	05-13-2004	Choi et al.	
	US-			
	US-			
	US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
	Country Code <sup>1</sup> , Number, Kind Code			Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
	WO 02/072842 A1	09-19-2002	OSCOTEC INC.							

<sup>1</sup>Enter Office that issued the document, by the two-letter code.**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Search Report issued May 1, 2006 in corresponding PCT/FR2004/001470
	Chambers et al "Bone cells predispose bone surface to resorption by exposure of mineral to osteoclastoc contact" <i>J. Cell. Sci</i> 76:155-165 (1985)
	Destaing et al, "Podosomes display actin turnover and dynamic self-organization in osteoclasts expressing actin-green fluorescent protein," <i>Mol Biol Cell</i> 14(2) :407-16 (2003)
	Doglioli et al. "A novel spectrofluorometric technique for specific biocompatibility testing of implantable materials by cell culture", <i>Cytotechnology</i> , vol. 35, no2, pp. 93-100 (2001)
	Doi, Y. et al, "Formation of Apatite-Collagen complexes" <i>Journal of Biomedical Materials Research</i> , 31:43-49 (1996) John Wiley & Sons, Inc

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Jones et al., "Simulation of bone resorption-repair coupling in vitro", <i>Anatomy and Embryology</i> , Volume 190, Number 4, pp 339-349 (1994)
	Karsenty G. "The genetic transformation of bone biology" <i>Genes Dev.</i> 13(23):3037-51. Review. No abstract available (1999)
	Kikuchi et al., "Self-organization mechanism in a bone-like hydroxyapatite/collagen nanocomposite synthesized in vitro and its biological reaction in vivo", <i>Biomaterials</i> , vol. 22, no.13, pp. 1705-1711 (2001)
	Komori T., "Regulation of osteoblast differentiation by transcription factors" <i>J Cell Biochem.</i> 99(5):1233-9. Review (2006)
	Langstaff et al., "Biomaterials, Resorbable bioceramics based on stabilized calcium phosphates", 22, 2 :135-150 (2001)
	Mizuno et al., "Cross-linked collagen gel spheres as a useful carrier for cell culture of MC 3 T 3-E 1 clonal osteogenic cells", <i>Jpn. J. Oral Biol.</i> , 30(6), 855-858 (1988)
	Mulari et al., "Osteoblast-like cells complete osteoclastic bone resorption and form new mineralized bone matrix in vitro", <i>Calcified Tissue International</i> , vol. 75, no.3, pp. 253-261 (2004)
	Rovira et al., "Colonization of a calcium phosphate/elastin-solubilized peptide-collagen composite material by human osteoblasts", <i>Biomaterials</i> , 17, 15 :1535-1540 (1996)
	Shibutani et al, "Use of glass slides coated with apatite-collagen complexes for measurement of osteoclastic resorption activity", <i>J Biomed Mater Res</i> 31 :43-49 (1996)
	Shibutani et al., "Use of glass slides coated with apatite-collagen complexes for measurement of osteoclastic resorption activity", <i>Journal of Biomedical Materials Research Part A</i> , Volume 50 Issue 2, Pages 153 – 159 (2000)
	Sun et al, The Influence of hydroxyapatite particles on osteoclast cell activities, <i>J Biomed Mater Res</i> 45(4) :311-21 (1999)
	Sun et al., "Influence of hydroxyapatite particle size on bone cell activities : An in vitro study", <i>Journal of Biomedical Materials Research</i> , vol. 39, no 3, pp. 390-397 (1998)
	Traianedes et al., "5-Lipoxygenase Metabolites Inhibit Bone Formation in Vitro", <i>Endocrinology</i> Vol. 139, No. 7, pp 3178-3184 (1998)
	Yamanouchi et al., "Bone formation by transplanted human osteoblasts cultured within collagen sponge with dexamethasone in vitro", <i>J Bone Miner Res.</i> 16(5): 857-67 (2001)

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